

91 RF 4-756

-DH. VBS
F 16469 (Rev 3/91)

ROCKY FLATS PLANT, P O BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

91-BF-4756

Attn J Rampe

MONITORING ROCKY FLATS PLANT TERMINAL PONDS - JMK-0440-91

We have completed an evaluation of monitoring results for the Rocky Flats Plant terminal ponds which indicates that the water is of uniformly high quality. Based on that evaluation, the attached report provides our recommendation that the treatment of water prior to discharge be discontinued unless required to remove parameters exceeding stream standards. It also recommends significant reductions in the scope of the water quality characterization program to focus on the contaminants shown to be of concern. Details of specific changes are provided in the report.

We had previously notified you (letter 90-RF-6628 dated December 11, 1990) that our treatment operations were not in compliance with DOE Order 5400.5, which specifies that treatment is not required where radionuclides are already at low levels. The order further directs that additional treatment when the annual average concentrations of radionuclides are less than the Derived Concentration Guide is unjustifiable on a cost-benefit analysis. Implementation of the recommendations in the report would eliminate this concern.

The assembly and evaluation of the data and approach taken in the attached report are a milestone achieved from cooperative efforts of EG&G and DOE/RFO. The data were already presented at the meetings held among our staffs, CDH, EPA, and local cities. We believe the groundwork has already been appropriately laid to achieve concurrence from those parties on the recommendations of the report. We will make distribution of the report with your approval. Contact F. D. Hobbs, X-7006, if there are any questions.

J M Kersh, Associate General Manager
Environmental and Waste Management

FDH vbs

Orig and 1 cc - R M Nelson, Jr

Attachment
As Stated

REVIEWED FOR CLASSIFICATION/UCNI
By Bea Duran
Date 8-16-93

A-OU06-000175

ADMIN RECORD